

## TRANSMITTAL LETTER THE UNITED STATES

DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A FILING UNDER 35 U.S.C. 371

P1687US

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

10/009926

INTERNATIONAL APPLICATION NO.  
PCT/DE00/01863INTERNATIONAL FILING DATE  
June 7, 2000PRIORITY DATE CLAIMED  
June 7, 1999

## TITLE OF INVENTION

## METHOD FOR THE SYNTHESIS OF DNA FRAGMENTS

APPLICANT(S) FOR DO/EO/US

SCHATZ, OCTAVIAN

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 20 below concern document(s) or information included:

13. ☐ -An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22. ☒ Certificate of Mailing by Express Mail
23. ☒ Other items or information:

Statement under 37 C.F.R. sec. 1.821(f) - paper copy (1 pg.)

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PCT/DE00/01863

P1687USA

24. The following fees are submitted:

**BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5)) :**

- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1040.00
- ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$890.00
- ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$740.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$710.00
- ☐ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =****\$890.00**

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	84 - 20 =	64	x \$18.00
Independent claims	3 - 3 =	0	x \$84.00

**\$1,152.00****\$0.00**

Multiple Dependent Claims (check if applicable).

☒**\$280.00****TOTAL OF ABOVE CALCULATIONS =****\$2,322.00**

☐ Applicant claims small entity status. See 37 CFR 1.27). The fees indicated above are reduced by 1/2.

**\$0.00****SUBTOTAL =****\$2,322.00**

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

+

**\$0.00****TOTAL NATIONAL FEE =****\$2,322.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

☒**\$40.00****TOTAL FEES ENCLOSED =****\$2,362.00**Amount to be:  
refunded

\$

charged

\$

☒ A check in the amount of **\$2,362.00** to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **07-0181**. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE

Connie B. Berg

NAME

46,548

REGISTRATION NUMBER

December 6, 2001

DATE

10/009926

JAN 10 2007

06 DEC 2007

**EXPRESS MAILING CERTIFICATE  
UNDER 37 C.F.R. § 1.10**

EL 686 790 049 US  
"Express Mail" Mailing Number

December 6, 2001  
Date of Deposit

I hereby certify this new Utility Patent Application and its enclosures are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above, addressed to:

U.S. PATENT & TRADEMARK OFFICE  
P.O. BOX 2327  
Arlington, Virginia 22202  
Attn: Patent Application


For: METHOD FOR THE SYNTHESIS OF DNA FRAGMENTS

Our Reference No: P1687USA

The following documents are enclosed:

1. Transmittal Letter to the United States Designated/Elected Office (2 pgs.)
2. Preliminary Amendment (7 pgs.)
3. Specification for above referenced application w/drawings (45 pgs.)
4. Copy of Published WO 00/75368 (45 pgs.)
5. Copy of International Search Report in German and English (6 pgs.)
6. German Language Declaration (3 pgs.)
7. Statement under 37 C.F.R. § 1821(f) (1 pg.)
8. Computer Readable Disk
9. International Preliminary Examination Report (13 pgs.)
10. Notification of the Recording of a Change (1 pg.)
11. Check No. 329493 in the amount of \$2,362.00 (1 pg.)
12. Patent Recordation Form Cover Sheet (1 pg.)
13. Assignment document (2 pgs.)

Carol E. Arellano  
Typed name of person mailing this  
Certificate of Mailing

  
Signature